



PATENT APPLICATION  
Attorney Docket No. PD-203016  
Customer No. 20991

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:	)	
	:	Group Art Unit: 2133
M. EROZ, et al.	)	
	:	Examiner: Not Yet Assigned
Application No: 10/613,823	)	
	:	
Filed: July 3, 2003	)	
	:	
For: METHOD AND SYSTEM FOR	)	
PROVIDING LOW DENSITY	:	February 26, 2004
PARITY CHECK (LDPC) ENCODING	)	

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT**

Sir:

In compliance with the duty of disclosure under 37 C.F.R. § 1.56 and in accordance with the practice under 37 C.F.R. §§ 1.97 and 1.98, the Examiner's attention is directed to the documents listed on the enclosed Form PTO-1449, and the PCT International Search Report for the corresponding PCT application (PCT/US03/21073). Copies of the documents are enclosed.

**FORMAL MATTERS**

In accordance with 37 C.F.R. § 1.97(b), an information disclosure statement shall be considered by the Office if filed before the mailing of a first Office action on the merits. Therefore, it is believed that no fee is required. However, the Commissioner is hereby authorized to charge Deposit Account No. 50-0383 any additional fees which may be deemed to be appropriate or to provide any refunds in connection with this paper to the same Deposit Account. A duplicate of this paper is enclosed.

CONCLUSION

It is respectfully requested that the above information be considered by the Examiner and that a copy of the enclosed Form PTO-1449 be returned indicating that such information has been considered.

Applicants' undersigned attorney may be reached by telephone at (301) 601-7252. All correspondence should continue to be directed to our address given below.

Respectfully submitted,

February 26, 2004

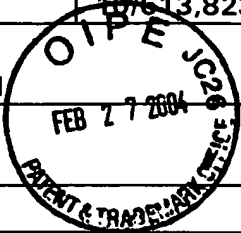


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Craig L. Plastrik  
Registration No. 41,254

Hughes Electronics Corporation  
Customer No. 20991

FORM PTO 1449 (modified)  U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE  LIST OF REFERENCES CITED BY APPLICANT(S) (Use several sheets if necessary)		ATTY DOCKET NO. <b>PD-203016</b>	APPLICATION NO. <b>10/613,823</b>
Date Submitted to PTO: <b>February 26, 2004</b>		APPLICANT <b>M. EROZ et al</b>	
		FILING DATE <b>July 3, 2003</b>	GROUP <b>2133</b>



U.S. PATENT DOCUMENTS						
*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	6,567,465 ✓	May 20, 2003	Goldstein et al.	375	222	
	US 2003/0203721 ✓	October 30, 2003	Berezdivin et al.	455	126	
	US 2003/0187899 ✓	October 2, 2003	Ohta	708	520	
	US 2003/0014718 ✓	January 16, 2003	De Souza et al.	714	804	

FOREIGN PATENT DOCUMENTS						
DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO/OR ABSTRACT	
WO 03/088504 A1 ✓	October 23, 2003	PCT	H03M	13/23	Abstract in English	
WO 03/065591 A2 ✓	August 7, 2003	PCT	H03M	13/39		
WO 02/099976 A2 ✓	December 12, 2002	PCT	H03M	13/00		
EP 1 093 231 A1 ✓	April 18, 2001	EPO	H03M	13/00	Abstract in English	

OTHER DOCUMENT(S) (Including Author, Title, Data, Pertinent Pages, etc.)	
	✓ B. Vasic, "Structured Iteratively Decodable Codes Based on Steiner Systems and Their Application in Magnetic Recording", Proceedings, IEEE Global Telecommunications Conference 2001, pp. 2954-2960, November 25-29, 2001
	✓ B. Vasic, "Combinatorial Constructions of Low-Density Parity Check Codes for Iterative Decoding", Proceedings, IEEE International Symposium on Information Theory 2002, p. 312, June 30-July 5, 2002
	✓ R. Echard et al., "The Pi-Rotation Low-Density Parity Check Codes", Proceedings, IEEE Global Telecommunications Conference 2001, pp. 980-984, November 25-29, 2001
	✓ B. Vasic et al, "Kirkman Systems and Their Application in Perpendicular Magnetic Recording", IEEE Transactions on Magnetics, Vol. 38, No. 4, pp. 1705-1710, July 2002
	✓ L. Ping et al., "Low Density Parity Check Codes with Semi-Random Parity Check Matrix", Electronics Letters, IEE Stevenage, Vol. 35, No. 1, pp. 38-39, January 7, 1999
	✓ T. Richardson et al., "Efficient Encoding of Low-Density Parity Check Codes", IEEE Transactions on Information Theory, Vol. 47, No. 2, pp. 638-656, February 2001
	✓ S. Johnson et al., "Construction of Low-Density Parity-Check Codes from Kirkman Triple Systems", Proceedings, IEEE Global Telecommunications Conference 2001, pp. 970-974, November 25-29, 2001

EXAMINER	DATE CONSIDERED
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.